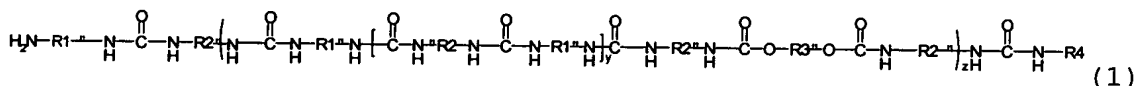


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) ~~Linear~~ A linear block polymer according to Formula (1)



wherein

R1 is derived from a diamine;

R2 is derived from an aromatic diisocyanate;

R3 is derived from an esterdiol;

R4 is derived from dibutyl amine or ethanolamine;

said linear block polymer is made from a prepolymer produced by a method consisting essentially of adding esterdiol at a sufficiently slow rate to said aromatic diisocyanate at a temperature of 50°C to 60°C so that $0 < y < 4$ and $z > 8$ [[,]] ;
and ~~wherein the monomers from which R2 and R3 are derived from~~
said esterdiol and said aromatic diisocyanate are added in such amounts that the molar ratio between R2 and R3 is larger than 2:1.

2. (currently amended) ~~Linear~~ The linear block polymer according to claim 1, wherein R1 is derived from ethylene

diamine, 1,3-diamino propane, 1,2-diamino propane, 1,4-diamino butane, 1,5-diamino pentane, or 1,6-diamino hexane.

3. (currently amended) ~~Linear~~ The linear block polymer according to claim 1, wherein R3 is derived from polycaprolactone diol, polydiethylene glycol adipate or poly(pentane diolpimelate).

4. (currently amended) ~~Linear~~ The linear block polymer according to claim 1, wherein R2 is derived from 4,4'diphenyl methane diisocyanate, naphthalene diisocyanate, or toluene diisocyanate.

5. (currently amended) ~~Fibre~~ A fibre manufactured from a linear block polymer according to claim 1.

6. (currently amended) ~~Fibre~~ The fibre according to claim 5, ~~which~~ wherein said fibre exhibits a toughness of at least 0.1 N/Tex.

7. (currently amended) ~~Fibre~~ The fibre according to claim 6, ~~which~~ wherein said fibre exhibits a toughness above 0.2 N/Tex.

8. (currently amended) ~~Fibre~~ The fibre according to claim 5, wherein said ~~which~~ fibre exhibits an elongation at break that is below 100 %.

9. (currently amended) ~~Fibre~~ The fibre according to claim 5, wherein said ~~which~~ fibre exhibits an elongation at break that is 43% or below.

10. (currently amended) ~~Film~~ A film manufactured from a linear block polymer according to claim 1.

11. (currently amended) ~~Porous~~ A porous polymeric material manufactured from a linear block polymer according to claim 1.

12. (currently amended) ~~Implant~~ An implant for the implantation into the human or animal body, ~~which—implant~~ ~~comprises~~ comprising a linear block polymer according to claim 1.

13. (currently amended) ~~Linear~~ The linear block polymer according to claim 2, wherein R3 is derived from polycaprolactone diol, polydiethylene glycol adipate or poly(pentane diolpimelate).

14. (currently amended) ~~Linear~~ The linear block polymer according to claim 2, wherein R2 is derived from 4,4'diphenyl methane diisocyanate, naphthalene diisocyanate, or toluene diisocyanate.

15. (currently amended) ~~Linear~~ The linear block polymer according to claim 3, wherein R2 is derived from 4,4'diphenyl methane diisocyanate, naphthalene diisocyanate, or toluene diisocyanate.

16. (currently amended) ~~Fibre~~ A fibre manufactured from a linear block polymer according to claim 2.

17. (currently amended) ~~Fibre~~ A fibre manufactured from a linear block polymer according to claim 3.

18. (currently amended) ~~Fibre~~ A fibre manufactured from a linear block polymer according to claim 4.

19. (currently amended) ~~Fibre~~ The fibre according to claim 6 ~~which~~ wherein said fibre exhibits an elongation at break that is below 100 %.

20. (currently amended) ~~Fibre~~ The fibre according to claim 7 ~~which~~ wherein said fibre exhibits an elongation at break that is below 100 %.